



12-26-06

1257 / JFW
Froye

Docket No.: 213.1204-PCT-US

UNITED STATES PATENT & TRADEMARK OFFICE

Examiner: Unknown

Art Unit: Unknown

Applicant:

FILPULA, David R., et al.

Serial No.:

10/590,421

Filed

August 22, 2006

For:

**INTERFERON-BETA POLYMER
CONJUGATES**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

December 21, 2006

Sir:

Pursuant to M.P.E.P. §609 and 37 C.F.R. §§1.56, 1.97-1.99, Applicants herewith submit forms PTO-1449 (7 pages), which list references cited in the International Search Report (ISR) dated June 16, 2006 and of which Applicants are aware for the present application. A copy of the ISR is enclosed herewith. It is noted that Applicants have not enclosed copies of the U.S. patents cited on form PTO-1449.

This submission does not represent that a search has been made or that no better art exists. While the term "references" is used in citing the documents called to the Examiner's attention herein, Applicants do not make any admission that each or all of them are "prior art" references within the meaning of the statutory and case law.

Applicants reserve the right to contend, where appropriate, that a reference asserted against any claim of the present application is not prior art under the facts and the law.

Applicants also reserve the right to present appropriate arguments and/or evidence to establish patentability over the references, should one or more of the references be applied against the claims of the present application.

Applicants request that the Examiner independently determine those items which the Examiner would consider the most pertinent of all the references cited herein.

This Information Disclosure Statement is filed with the application before the mailing of a first office action on the merits. Accordingly, this document complies with the requirements of 37 C.F.R. Section 1.97(b). It is respectfully requested that the references cited in the accompanying PTO-1449 form be considered and made of record.

Respectfully submitted,

LUCAS & MERCANTI, LLP



Hyun Soon Cho

Recognition No. L0306

LUCAS & MERCANTI, LLP
475 Park Avenue South
New York, NY 10016
Phone: 212-661-8000
Fax: 212-661-8002

"Express Mail" mailing label no. EV 966 099 447 US
Date of Deposit December 21, 2006
I hereby certify that this correspondence and/or fee
is being deposited with the United States Postal Service
"Express Mail Post Office to Addressee" service under 37
CFR 1.10 on the date indicated above, in an envelope
addressed to: "Commissioner for Patents, P.O. Box
1450, Alexandria, VA 22313-1450".

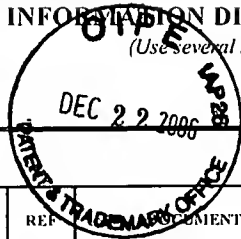
LUCAS & MERCANTI, LLP

By: 

Carla Santos

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

213.1204-PCT-US

Application Number

10/590,421

Applicant(s)

FILPULA, David R., et al.

Filing Date

08/22/2006

Group Art Unit

Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/BH/	A1	6,531,122	03/11/2003	Pedersen, et al.			08/25/2000
	A2	4,766,106	08/23/1988	Katre, et al.			01/25/1988
	A3	5,405,877	04/11/1995	Greenwald, et al.			08/29/1994
	A4	5,738,846	04/14/1998	Greenwald, et al.			11/21/1995
	A5	4,917,888	04/17/1990	Katre, et al.			12/11/1987

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/BH/	A6	2003/0138403	07/24/2003	Drustrup			06/28/2002
	A7	2002/0172661	11/21/2002	Shirley, et al.			10/25/2001
	A8	2002/0155547	10/24/2002	Whitty, et al.			04/11/2001
	A9	2004/0126361	07/01/2004	Saifer, et al.			12/23/2003

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
/BH/	A9	WO 99/55377	11/04/1999	PCT				
/BH/	A10	WO 00/23114	04/27/2000	PCT				

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

	A11	M. Karpusas, et al., THE STRUCTURE OF HUMAN INTERFERON..., CMLS, Cell. Mol. Life Sci., Vol. 54, pp. 1203-1216, 1998
	A12	Luca Durelli, et al., EVERY-OTHER-DAY INTERFERON BETA-1b VERSUS ONCE WEEKLY INTERFERON BETA-1a, The Lancet, Vol. 350, pp. 1453-1460

EXAMINER

/Bruce Hissong/

DATE CONSIDERED

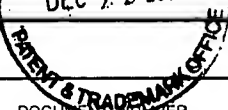
03/12/2010

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

DEC 22 2006



ATTY DOCKET NO.

213.1204-PCT-US

APPLICATION NO.

10/590,421

APPLICANT(S)

FILPULA, David R., et al.

FILING DATE

08/22/2006

GROUP ART UNIT

Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/BH/	A13	5,711,944	01/27/1998	Gilbert, et al.			11/10/1994
	A14	5,951,974	09/14/1999	Gilbert, et al.			12/19/1997
	A15	5,824,784	10/20/1998	Kinstler, et al.			10/12/1994
	A16	4,894,330	01/16/1990	Hershenson, et al.			12/23/1986
	A17	4,961,969	10/09/1990	Hershenson, et al.			04/11/1987

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/BH/	A18	2003/0021765	01/30/2003	Pepinsky, Blake, et al.			04/11/2001

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		A19	Leo S. Lin, et al., PURIFICATION OF RECOMBINANT HUMAN INTERFERON..., Methods in Enzymology, Vol. 119, pp. 183-192
		A20	Philip C. Familletti, et al., A COVENIENT AND RAPID CYTOPATHIC EFFECT..., Methods in Enzymology, Vol. 78, pp. 287-304

EXAMINER

/Bruce Hissong/

DATE CONSIDERED

03/12/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

DEC 22 2006



ATTY DOCKET NO.

213.1204-PCT-US

APPLICATION NO.

10/590,421

APPLICANT(S)

FILPULA, David R., et al.

FILING DATE

08/22/2006

GROUP ART UNIT

Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/BH/	A21	4,737,462	04/12/1988	Mark, et al.			07/10/1985
	A21	5,814,485	09/29/1998	Dorin, et al.			06/06/1995
	A23	5,015,730	05/14/1991	Friesen, et al.			07/14/1989
	A24	5,702,699	12/30/1997	Hanisch, et al.			06/07/1995
	A25	6,638,500	10/28/2003	El-Tayar, et al.			10/30/2000

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/BH/	A26	Dean Russell-Harde, et al., THE USE OF ZWITTERGENT 3-14 IN THE PURIFICATION OF RECOMBINANT..., Journal of Interferon and Cytokine Research, Vol. 15, pp. 31-37, 1995
/BH/	A27	Taniguchi, et al., Gene 10, pp. 11-15, 1980

EXAMINER

/Bruce Hissong/

DATE CONSIDERED

03/12/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

DEC 22 2006



ATTY DOCKET NO.

213.1204-PCT-US

APPLICATION NO.

10/590,421

APPLICANT(S)

FILPULA, David R., et al.

FILING DATE

08/22/2006

GROUP ART UNIT

Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/BH/	A29	6,113,906	09/05/2000	Greenwald, et al.			12/29/1998
	A29	4,179,337	12/18/1979	Davis, et al.			07/28/1977
	A30	5,795,779	08/18/1998	McCormick, et al.			08/12/1994
	A31	5,376,567	12/27/1994	McCormick, et al.			01/09/1992
	A32	4,966,843	10/30/1990	McCormick, et al.			07/31/1985

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/BH/	A33	Pepinsky, et al., The Journal of Pharm. and Exper. Ther., .297(3) pp. 1059-1066, 2001
/BH/	A34	Derynck, Nature, 285: pp. 542-547, 1980

EXAMINER

/Bruce Hissong/

DATE CONSIDERED

03/12/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

DEC 2 2 2006

ATTY DOCKET NO.

213.1204-PCT-US

APPLICATION NO.

10/590,421

APPLICANT(S)

FILPULA, David R., et al.

FILING DATE

08/22/2006

GROUP ART UNIT

Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/BH/	A35	4,588,585	05/13/1986	Mark, et al.			09/28/1984
	A36	4,737,462	04/12/1988	Mark, et al.			07/10/1985
/BH/	A37	5,109,120	04/28/1992	Ueno et al.			06/09/1989
	A38	6,531,132	02/11/2003	Pedersen, et al.			08/25/2000
/BH/	A39	4,959,314	09/25/1990	Mark, et al.			02/07/1985

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

/Bruce Hissong/

DATE CONSIDERED

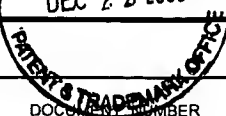
03/12/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

DEC 22 2006



ATTY DOCKET NO.

213.1204-PCT-US

APPLICATION NO.

10/590,421

APPLICANT(S)

FILPULA, David R., et al.

FILING DATE

08/22/2006

GROUP ART UNIT

Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/BH/	A40	4,450,103	05/22/1984	Konrad, et al.			03/01/1982
	A41	6,107,057	08/22/2000	Crawford, et al.			02/24/1998
	A42	5,866,362	02/02/1999	Cousens, et al.			06/07/1995
	A43	5,523,215	06/04/1996	Cousens, et al.			04/16/1992
	A44	5,248,769	09/28/1993	Dorin			11/25/1991

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

/Bruce Hissong/

DATE CONSIDERED

03/12/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

DEC 2 2 2006

Docket Number (Optional)

213.1204-PCT-US

Application Number

10/590,421

Applicant(s)

FILPULA, David R., et al.

Filing Date

08/22/2006

Group Art Unit

Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/BH/	A45	4,656,132	04/07/1987	Ben-Bassat, et al.			03/28/1984
	A46	5,349,001	09/20/1994	Greenwald, et al.			01/19/1993
	A47	4,894,334	01/16/1990	Arie Ben-Bassat, et al.			04/06/1987
	A48	4,748,234	05/31/1988	Dorin, et al.			03/25/1986

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

		Srirama M. Bhairi, Ph.D., A GUIDE TO THE PROPERTIES AND USES OF DETERGENTS..., Copyright updated 2001 by Calbiochem-Novabiochem Corp.					
	A49						
/BH/	A50	Hubert F. Gaertner, et al., SITE-SPECIFIC ATTACHMENT OF FUNCTIONALIZED..., Bioconjugate Chem., Vol. 7, pp. 38-44, 1996					

EXAMINER

/Bruce Hissong/

DATE CONSIDERED

03/12/2010

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.